

MPE ESTIMATION

FCC ID: 2AVKP-BF-BK04

1, Limit for General Population/ Uncontrolled Exposures

| Frequency | Power density (mW/ cm ²) | Averaging time(minutes) |
|------------------|--------------------------------------|-------------------------|
| 300MHz----1.5GHz | F/1500 | 30 |
| 1.5GHz---100GHz | 1.0 | 30 |

2, Estimation Result

| Mode | Max PK Output power(dBm) | Tune Up Power(dBm) | Max Tune Up power(mW) | Antenna Gain(dBi) | Antenna Gain (linear) | MPE (mW/cm ²) |
|------|--------------------------|--------------------|-----------------------|-------------------|-----------------------|---------------------------|
| WIFI | 20.85 | 20±1(21) | 125.89 | 1 | 1.26 | 0.03157 |

$$Pd = \frac{Pout * G}{4\pi r^2} :$$

Note:

Note: The estimation distance is 20cm

The device could not transmit simultaneously in WIFI.

Note: PK Output power= conducted power.

Conducted power see the test report HK2205051833-E.

Gantenna gain=1dBi

when the minimum test separation distance is >20 cm, a distance of 20 cm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 0.03157mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.

-----The End-----